

OMB APPROVAL	
OMB Number:	3235-0287
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hours per response:	0.5

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>McCarthy John C</u>			2. Issuer Name and Ticker or Trading Symbol <u>LOCKHEED MARTIN CORP [ LMT ]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director _____ 10% Owner <input checked="" type="checkbox"/> Officer (give title below) _____ Other (specify below) <u>VP &amp; Treasurer</u>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>01/28/2010</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
6801 ROCKLEDGE DRIVE			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street) <u>BETHESDA MD 20817</u>								
(City) (State) (Zip)								

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Phantom Stock Units	\$0 <sup>(1)</sup>	01/28/2010		A		1,795.088		(2)	(2)	Common Stock	1,795.088	\$0 <sup>(2)</sup>	4,564.244 <sup>(3)</sup>	I	Lockheed Martin LTIP
Phantom Stock Units	(1)							(4)	(4)	Common Stock	3,625.421		3,625.421 <sup>(3)</sup>	I	LM Supplemental SSP
Phantom Stock Units	(1)							(5)	(5)	Common Stock	1,077.364		1,077.364 <sup>(3)</sup>	I	Lockheed Martin DMICP

**Explanation of Responses:**

- The phantom stock units convert on a 1-for-1 basis.
- Phantom stock units acquired and subject to mandatory deferral under the Lockheed Martin Long Term Incentive Plan exempt under Section 16(b) at \$75.35 which will be settled in cash after two years subject to continued employment, unless voluntarily deferred (in which case, the units will be settled in stock upon the reporting person's retirement or termination of service).
- End of period holdings include additional phantom stock units acquired through dividend reinvestment under the Plan.
- Phantom stock units previously acquired under the Lockheed Martin Supplemental Salaried Savings Plan exempt under Section 16(b) and will be settled upon the reporting person's retirement or termination of service.
- Phantom stock units previously acquired under the Lockheed Martin Deferred Management Incentive Compensation Plan exempt under Section 16(b) which will be settled in stock upon the reporting person's retirement or termination of service.

**Remarks:**

John C. McCarthy, by David A. Dedman, Attorney-in-Fact      02/01/2010  
 \*\* Signature of Reporting Person      Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.**